Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Supplemental Application Data Sheet 37 CFR 1.76 | | Attorney Docket Number | LPTF-TRAN-11 |
|---|---------------------------------------|---|---|
| | | Application Number | 10/584,762 |
| Title of Invention METHOD FOR OBTAINING MOTION VECTOR AND IMAGE REFERENCE BLOCK IN A CODE N | | | REFERENCE BLOCK IN A CODE MODE OF |
| bibliographic data arrar This document may be | iged in a format specified by the Uni | ted States Patent and Trademark O nitted to the Office in electronic for | being submitted. The following form contains the office as outlined in 37 CFR 1.76. In the contains the Electronic Filing System (EFS) or the |

| Secre | есу | Order 37 | CFR 5.2 | | | | | | | | |
|--------|-------------------|--------------|----------------|------------|---------------|------------|--------|---|--------------|---|---|
| | | | | | | | | | | all under a Secrecy Order pur not be filed electronically.) | suant to |
| | | nt Inform | | | | | | | | | |
| Applie | | | | | | | | | | | |
| Appli | cant | Authority ® | Inventor OL | egal | Representativ | re under 3 | 35 L | J.S.C. 11 | 7 | Party of Interest under 35 U.S. | C. 118 |
| Prefix | Prefix Given Name | | | | Middle Na | me | | | Fami | ily Name | Suffix |
| | WEN | | | | | | | | GAO | | |
| Resid | deno | e Informatio | n (Select One) | ····· |) US Residenc | | | n US Res | idency | Active US Military Service |) |
| City | ل | JING | | C | ountry Of Re | sidence | i | CN | | ····· | |
| | | p under 37 C | | C | ٧ | | | | | | |
| } | | ddress of Ap | plicant: | | | | | | | | |
| Addre | | | NO. 6 KEXUE | YUAI | N SOUTH ROA | AD ZHON | IGG | UANCUN | l, | | |
| Addre | 288 Z |) | HAIDIAN DIST | RIC | T | | | *************************************** | | | |
| City | | BEIJING | · | | | S | tate | e/Provin | ce | | |
| Posta | l Co | de | 100080 | | | Countr | ry | CN | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | |
| Applie | cant | 2 | | | | | | | | | |
| Appli | cant | Authority ® | Inventor OL | egal | Representativ | e under (| 35 L | J.S.C. 11 | 7 | OParty of Interest under 35 U.S. | C. 118 |
| Prefix | Gi | ven Name | | | Middle Na | me | | | Fami | ily Name | Suffix |
| | Χl | ANGYANG | | | | | | | JI | | |
| Resid | denc | e Informatio | n (Select One) | \bigcirc |) US Residenc | y ® | No | n US Res | sidency | Active US Military Service |) |
| City | BE | JING | | C | ountry Of Re | sidence | i | CN | | | |
| Citize | nsh | p under 37 C | FR 1.41(b) | Ch | ٧ | | | | | *************************************** | |
| Mailin | g A | ddress of Ap | plicant: | | | | ****** | *********** | ************ | | ****************** |
| Addre | 988 1 | | NO. 6 KEXUE | YUAI | N SOUTH ROA | AD ZHON | IGG | UANCUN | l, | | |
| Addre | ess 2 | <u>;</u> | HAIDIAN DIST | RIC | T | | | | | *************************************** | *************************************** |
| City | | BEIJING | | | | S | itate | e/Provin | ice | | |
| Posta | l Co | de | 100080 | | | Count | rly | CN | | | |
| Appli | cant | 3 | | | | | | | | | |
| | | Authority ® | Inventor OL | egal | Representativ | re under 3 | 35 L | J.S.C. 11 | 7 | Party of Interest under 35 U.S. | C. 118 |
| Prefix | | ven Name | | | Middle Nai | me | | | Fami | ily Name | Suffix |
| | SI | NEI | | | | | | | MA | | |
| Resid | denc | e Informatio | n (Select One) | 0 | US Residenc | у 😵 | No | n US Res | idency | Active US Military Service |) |
| City | BE | JING | | C | ountry Of Re | sidence | , i | CN | | | |

| | Supple | nantal | | 1 | | , | on of infor | MP 8 3 1 4 4 | |
|---|---|--|---|--|---|---|---------------------|--|--------|
| Appli | Suppler cation Data S | nental heet 37 CFR [*] | 1.76 Attorney Docket Number | | | | LPTF-TRAN-11 | | |
| | | | | Applica | ition Numbe | r | 10/58 | 4,762 | |
| Title of | | THOD FOR OBTAIL ED REFERENCE F | | | |) IMAGE | REFER | RENCE BLOCK IN A CODE MODI | E OF |
| Citizer | nship under 37 (| FR 1.41(b) | CN | *************************************** | | | | | |
| | g Address of Ap | | | | | | | | |
| Addres | ss 1 | NO. 6 KEXUEYU | AN SC | OUTH ROA | AD ZHONGG | UANCUN | · √, | | |
| Addres | ss 2 | HAIDIAN DISTRI | CT | | *************************************** | | | | |
| City | BEIJING | State/Province | | | | | | | |
| Postal | Code | 100080 | | | Country | CN | | | |
| Applic | ant 4 | *************************************** | | | | *************************************** | | | |
| | ant Authority | Inventor CLeg | al Rep | resentativ | e under 35 l | J.S.C. 11 | 7 | Party of Interest under 35 U.S. | C. 118 |
| Prefix | | | Mi | iddle Nar | me | | Fami | ly Name | Suffix |
| | DEBIN | | | | | | ZHAC |) | |
| Resid | ence Informatio | n (Select One) | | Residenc | y 📵 No | n US Re | sidency | Active US Military Service | |
| City | BEIJING | • | Count | ry Of Re | sidencei | CN | | | |
| Citizer | nship under 37 (| FR 1.41(b) | CN | | *************************************** | *************************************** | | | |
| Mailin | g Address of Ap | plicant: | | | | | | | |
| Addre | ss 1 | NO. 6 KEXUEYU | AN SC | OUTH ROA | AD ZHONGG | UANCU | ٧, | | |
| Addre | ss 2 | HAIDIAN DISTRI | ст | | | | | | |
| City | BEIJING | | | | Stat | e/Provir | nce | | |
| Postal | Code | 100080 | | | Country | CN | | | |
| Applic | ant 5 | | | | | | | | |
| | | | al Rep | resentativ | e under 35 l | J.S.C. 11 | 7 | Party of Interest under 35 U.S. | C. 118 |
| Applic | ant Authority 🏵 | Inventor OLeg | | | | | | | |
| | ant Authority [®] Given Name | Inventor CLeg | Mi | iddle Nar | | | Fami | ly Name | Suffix |
| | | Oinventor Cleg | Mi | iddle Nar | | | Fami LU | ly Name | |
| Prefix | Given Name | | | iddle Nar Residenc | me | in US Re | LU | ly Name Active US Military Service | Suffix |
| Prefix | Given Name YAN | n (Select One) | ⊜ us | Residenc | me | n US Re | LU | | Suffix |
| Prefix Resid City | Given Name YAN ence Informatio | n (Select One) | ⊜ us | Residenc | me y ® No | } | LU | | Suffix |
| Prefix Resid City Citizer | Given Name YAN lence Informatio BEIJING | n (Select One) (|) ∪s Count | Residenc | me y ® No | } | LU | | Suffix |
| Prefix Resid City Citizer | Given Name YAN lence Informatio BEIJING nship under 37 (g Address of Ap | n (Select One) (| ◯ US Count | Residenc | me y | CN | LU | | Suffix |
| Prefix Resid City Citizer Mailing | Given Name YAN lence Informatio BEIJING nship under 37 (g Address of Ap | n (Select One) (CFR 1.41(b) (plicant: | O US Count CN | Residenc | me y | CN | LU | | Suffix |
| Resid City Citizer Mailing | Given Name YAN lence Informatio BEIJING nship under 37 (g Address of Ap | n (Select One) (FR 1.41(b) (plicant: NO. 6 KEXUEYU | O US Count CN | Residenc | me y No sidence i | CN | LU sidency | | Suffix |
| Resid City Citizer Mailing Addres | Given Name YAN ence Informatio BEIJING rship under 37 (g Address of Ap ss 1 ss 2 BEIJING | n (Select One) (FR 1.41(b) (plicant: NO. 6 KEXUEYU | O US Count CN | Residenc | me y No sidence i | CN | LU sidency | | Suffix |
| Resid City Citizer Mailing Addres Addres City Postal | Given Name YAN ence Informatio BEIJING sship under 37 (g Address of Ap ss 1 ss 2 BEIJING Code rentors Must Be | n (Select One) (FR 1.41(b) (plicant: NO. 6 KEXUEYU HAIDIAN DISTRI | O US Count CN AN SC CT | Residency Try Of Re DUTH ROA | y No sidence AD ZHONGG Stat Country | CN UANCUM | LU sidency N, | Active US Military Service | Suffix |
| Resid City Citizer Mailing Addres City Postal All Inv | Given Name YAN lence Informatio BEIJING nship under 37 (g Address of Ap ss 1 ss 2 BEIJING I Code rentors Must Be ated within this fo | n (Select One) (FR 1.41(b) (plicant: NO. 6 KEXUEYU HAIDIAN DISTRI 100080 Listed - Additio | O US Count CN AN SC CT nal In | Residency Try Of Re DUTH ROA | y No sidence AD ZHONGG Stat Country | CN UANCUM | LU sidency N, | Active US Military Service | Suffix |
| Resid City Citizer Mailing Addres City Postal All Inv genera Corre | Given Name YAN lence Informatio BEIJING nship under 37 (g Address of Ap ss 1 ss 2 BEIJING I Code rentors Must Be ated within this fo | n (Select One) (FR 1.41(b) (plicant: NO. 6 KEXUEYU HAIDIAN DISTRI 100080 Listed - Addition by selecting the | O US Count CN AN SC CT nal in e Add | Residency Iry Of Re DUTH ROA | y No sidence AD ZHONGG Stat Country nformation | UANCUN e/Provir CN blocks | LU sidency | Active US Military Service | Suffix |
| Resid City Citizer Mailing Addres City Postal All Inv genera Corre Enter of | Given Name YAN lence Informatio BEIJING nship under 37 (g Address of Ap ss 1 ss 2 BEIJING I Code rentors Must Be ated within this for SPONDENCE either Customer rther informatio | n (Select One) (FR 1.41(b) (plicant: NO. 6 KEXUEYU HAIDIAN DISTRI 100080 Listed - Addition by selecting the Information | O US Count CN AN SC CT nal in e Add 1: plete: 3(a). | Residency Try Of Re DUTH ROA Inventor In I button. | y No sidence AD ZHONGG Stat Countrly Information espondence | UANCUN e/Provir CN blocks e Inform | LU sidency | Active US Military Service e Add section below. | Suffix |

| Under the | Paperwork I | Reduction Act of 1995, no pe | rsons are required to res | | | | RTMENT OF COMMERCE valid OMB control number |
|---|--|--|--|---|---|--|--|
| | pleme | | Attorney Docke | t Number | LPTF-T | PTF-TRAN-11 | |
| Application Da | ita əne | et 37 CFR 1.76 | Application Nu | Application Number 10 | | 762 | |
| Title of Invention | | OD FOR OBTAINING REFERENCE FRAME | | AND IMAGE | REFERE | NCE BLOCK IN A | CODE MODE OF |
| Email Address jcpi@msn.com | | | | | | Add Email | Remove Email |
| Email Address jcpatents@sbcglobal | | | l.net | | | Add Email | Remove Email |
| Application I | nform | | | | | | |
| Title of the Inven | tion | METHOD FOR OBT MODE OF FIXED R | | | | REFERENCE BLO | CK IN A CODE |
| Attorney Docket | Number | LPTF-TRAN-11 | | Small En | tity Statı | ıs Claimed 🛛 | |
| Application Type | | Nonprovisional | | | | | |
| Subject Matter | | Utility | | *************************************** | | | |
| Suggested Class | (if any) | | Sub Class (if any) | | | | |
| Suggested Techr | ology (| Center (if any) | | | | | |
| Total Number of | Drawing | Sheets (if any) | | Suggeste | Suggested Figure for Publication (if any) | | |
| Publication | Inforn | nation: | | | | | |
| Request Earl | y Publica | ation (Fee required a | it time of Request | 37 CFR 1.2 | 219) | | |
| C. 122(b) and | l certify n filed in | Publish. I hen that the invention dit another country, or it filing. | sclosed in the atta | iched applic | ation ha | s not and will no | t be the subject of |
| this information in th Enter either Cu | rmation se Application se Applicatio | ormation: should be provided for the following the provided for the following the foll | not constitute a pow lete the Repre | er of attorner sentative N | y in the ap Name s | plication (see 37 C ection below. I | |
| Please Select One |); | Customer Numbe | r US Pate | nt Practitione | er 🔘 | Limited Recogniti | on (37 CFR 11.9) |
| Customer Number | | 23900 | | | | | |

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

| Prior Application Status | Pending | | Remove | | | |
|---|------------------------|--------------------------|--------------------------|--|--|--|
| Application Number | Continuity Type | Prior Application Number | Filing Date (YYYY-MM-DD) | | | |
| 10/584762 | a 371 of international | PCT/CN2004/000827 | 2004-07-19 | | | |
| Additional Domestic Benefit/National Stage Data may be generated within this form | | | | | | |

by selecting the **Add** button.

Foreign Priority Information:

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number | | | | | |
|--|---|------------------------|-----------------------------------|--|--|
| Supplemental Application Data Sheet 37 CFR 1.76 | | Attorney Docket Number | LPTF-TRAN-11 | | |
| | | Application Number | 10/584,762 | | |
| Title of Invention | METHOD FOR OBTAINING N FIXED REFERENCE FRAME | | REFERENCE BLOCK IN A CODE MODE OF | | |

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

| | | Re | nove | | | |
|--|---------|---------------------------------|------------------|--|--|--|
| Application Number | Country | Parent Filing Date (YYYY-MM-DD) | Priority Claimed | | | |
| 200310116089.X | CN | 2003-12-31 | Yes ○ No | | | |
| Additional Foreign Priority Data may be generated within this form by selecting the Add button. | | | | | | |

Assignee Information:

| | in the application data sheet ignment recorded in the Offic | | ith any requirement of part 3 of Title 37 | | | | |
|--------------------------------|---|--|---|--|--|--|--|
| Assignee 1 | | | | | | | |
| If the Assignee is an On | ganization check here. | | | | | | |
| Organization Name | ame INSTITUTE OF COMPUTING TECHNOLOGY, CHINESE ACADEMY OF SCIENCE | | | | | | |
| Mailing Address Inform | mation: | | | | | | |
| Address 1 | NO. 6 KEXUEYUAN SO | NO. 6 KEXUEYUAN SOUTH ROAD ZHONGGUANCUN, | | | | | |
| Address 2 | HAIDIAN DISTRICT | HAIDIAN DISTRICT | | | | | |
| City | BEIJING | State/Province | | | | | |
| Country CN | | Postal Code | 100080 | | | | |
| Phone Number | | Fax Number | | | | | |
| Email Address | | | | | | | |
| Additional Assignee Da button. | ita may be generated with | nin this form by selecting the Ad | đ | | | | |

Signature:

| A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature. | | | | | | | |
|--|---|--|-------------------|------------|--|--|--|
| Signature | /JIAWEI HUANG/ | | Date (YYYY-MM-DD) | 2012-01-06 | | | |
| First Name | First Name JIAWEI Last Name HUANG Registration Number 43330 | | | | | | |

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an
 individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of
 the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.